AMENDMENTS TO THE CLAIMS

This listing of claims will replace all prior versions and listings of claims in the application:

Claim 1. (Currently Amended) An interference reducing circuit comprising:

receiving means for tuning and demodulating a reception signal of a frequency bandwidth with an interference signal having a carrier frequency mixed in said frequency bandwidth;

phase locking means for attaining phase locking to ~~an~~ said carrier frequency of said interference ~~wave having a carrier frequency that is received together with a reception wave by tuning and for outputting a phase-locked~~ signal;

level adjusting means for adjusting a level of ~~the~~ a phase-locked signal that is output from the phase locking means to be equal to a level of said interference signal; and

subtracting means for subtracting the level-adjusted, phase-locked signal from the reception ~~wave and for producing a signal~~ signal of said reception means.

Claim 2. (Canceled)

Claim 3. (Canceled)

Claim 4. (Currently Amended) The interference reducing circuit according to claim ~~2~~ 1, wherein the interference ~~wave~~

~~is~~ signal has an amplitude-modulated or frequency-modulated carrier, and wherein a loop characteristic of the phase locking means is set so as to follow ~~an amplitude modulation component~~ said amplitude-modulated carrier or ~~a frequency modulation component~~ said frequency-modulated carrier.

Claim 5. (Currently Amended) A TV broadcasting receiver comprising:

receiving means for ~~receiving~~ tuning a transmitted broadcast ~~including video or audio signals~~ signal of a frequency bandwidth with an interference signal having a carrier frequency mixed in said frequency bandwidth;

~~an A/D converter for converting, into digital information, the video or audio signals received by the receiving means and for outputting digital information of the video or audio signals;~~

a signal processing circuit for demodulating ~~the~~ and outputting a digital information of ~~the~~ a video or audio ~~signals that is output from the A/D converter~~ of said transmitted broadcast signal;

phase locking means for attaining phase locking to a carrier information of said interference ~~wave information~~ signal that is mixed in the digital information ~~that is~~ output from the ~~A/D converter~~ signal processing circuit;

level adjusting means for adjusting a level of ~~the interference wave information to which phase locking is attained by~~ a phase-locked signal output from the phase

locking means so as to become equal to a level of said interference signal; and

subtracting means for subtracting the ~~level of the interference wave information~~ level-adjusted phase-locked signal obtained by the level adjusting means from the video or audio ~~signals and for producing signals~~ of the transmitted broadcast signal.

Claim 6. (Currently Amended) The TV receiver according to claim 5, wherein ~~the phase-locking means attains locking to an interference wave frequency signal that~~ said carrier information is a video carrier information or an audio subcarrier information of another analog TV reception ~~wave~~ signal that is set in the same channel as the broadcast signal.

Claim 7. (Canceled)

Claim 8. (Canceled)